



STIC Search Report

EIC 3700

STIC Database Tracking Number 164783

**TO: Patricia Martin
Location: RND 8a40
Art Unit: 3700
Friday, May 27, 2005**

Case Serial Number: 10/743703

**From: Terry Solomon
Location: EIC 3700
RND 8b31
Phone: 272-4240**

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Search Notes

No current or past litigation found involving US pat. 6332495.

Sources:

Lexis/Nexis
Questel-Orbit

685818 (09) 6332495 December 25, 2001

Time of Request: May 27, 2005 01:59 PM EDT

Research Information:

Utility, Design and Plant Patents
patno=6332495

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6332495

December 25, 2001

Clip on manifold heat exchanger

REISSUE: September 8, 2004 - Reissue Application filed Ex. Gp.: 3743; Re. S.N. 10/935,684 (O.G. May 3, 2005)
December 23, 2003 - Reissue Application filed Ex. Gp.: 3743; Re. S.N. 10/743,703 (O.G. May 17, 2005)

CERT-CORRECTION: May 28, 2002 - a Certificate of Correction was issued for this patent (O.G. June 18, 2002)

APPL-NO: 685818 (09)

FILED-DATE: October 10, 2000

GRANTED-DATE: December 25, 2001

ASSIGNEE-AT-ISSUE: Long Manufacturing Ltd., Oakville, Canada (CA), 03

ASSIGNEE-AFTER-ISSUE: October 10, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., LONG MANUFACTURING LTD. 656 KERR STREET OAKVILLE, ONTARIO, L6K 3E4 CANADA, Reel and Frame Number: 11224/0387

LEGAL-REP: Ridout & Maybee LLP - ##0

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

Patent Number :

US6332495 B1 20011225 [US6332495]

Title :

(B1) Clip on manifold heat exchanger

Patent Assignee :

(B1) LONG MFG LTD (US)

Patent Assignee :

Long Manufacturing Ltd., Oakville [CA]

Inventor(s) :

(B1) KREUTZWEISER CHAD A (CA); DECAIRE CARL C J (CA); JAMISON S DONALD
(CA); PEELER JEFFREY D (CA)

Application Nbr :

US68581800 20001010 [2000US-0685818]

Filing Details :

C.I.P. of US411295 19991004 [1999US-0411295]

Priority Details :

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CA2273456 19990602 [1999CA-2273456]

US41129599 19991004 [1999US-0411295]

Intl Patent Class :

(B1) F28F-009/04

EPO ECLA Class :

F28D-001/03F2

F28F-009/02A

F28F-009/02B2

US Patent Class :

ORIGINAL (O) : 165153000; CROSS-REFERENCE (X) : 165067000 165148000
165149000 165173000 165174000

Document Type :

Corresponding document

Citations :

US1420917; US2182338; US3016230; US3265126; US3472316; US3757855;

US4313494; US5062476; US5186250; US5236042; US5501271; US5667004;

US6012512; US6068050

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A plate and fin type heat exchanger is disclosed which can be made in any convenient size with minimum tooling required. The heat exchanger is made from a plurality of stacked plate pairs having raised peripheral edge portions to define flow channels inside the plate pairs. The plates of the plate pairs are formed with offset, diverging end flanges that space the plate pairs apart. A U-shaped channel envelops the plate end flanges to form part of a manifold at each end of the plate pairs. End caps or plates close the open ends of the U-shaped channels to complete the manifolds, and inlet and outlet openings are formed in the manifolds as desired to complete the heat exchanger.

Update Code :

2002-02

1 / 1 LGST - ©EPO

Patent Number :

US6332495 B1 20011225 [US6332495]

Application Number :

US68581800 20001010 [2000US-0685818]

Action Taken :

20001010 US/AS-A

ASSIGNMENT

OWNER: LONG MANUFACTURING LTD. 656 KERR STREET OAKVILLE,; EFFECTIVE
DATE: 20000918

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:JAMISON, DONALD S.;DECAIRE,
CARL C. J.;PEELER, JEFFREY D.;AND OTHERS;REEL/FRAME:011224/0387

20020528 US/CC-A

CERTIFICATE OF CORRECTION

20050503 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040908

Update Code :

2005-19

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,332,495 A 20011225 [US6332495]

Patent Assignee :

Long Manufacturing Ltd CA

Actions :

20031223 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20050517

REISSUE REQUEST NUMBER: 10/743703

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3743

Reissue Patent Number:

20040908 REISSUE REQUESTED.

ISSUE DATE OF O.G.: 20050503

REISSUE REQUEST NUMBER: 10/935684

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3743

Reissue Patent Number:

Session finished: 27 MAY 2005 Time 20:37:01

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